BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

(42)

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of the Work : Restoration of Vidyaranaypura Sahakaranagara via GKVK Double Road near Canara Bank Layout in Ward No. 09, Vidyranyapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	652.28	Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work.	Cum	105.84	
2	1120.50	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm	58.32	
3	1120.50	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	75.60	
4	10.00	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	M	4032.72	
5	2732.50	Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials within a lead of 100 meters by manual means including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm	46.44	
6	559.00	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	1438.56	
7	4712.50	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	12.20	
8	4712.50	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	35.21	

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				In Figures	In Words
9	135.63	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack cost with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, **using 100/120 TPH capacity H.M.P with sensor Paver Gr-II (50mm to 75mm) with 3.3 % VG-30 Bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum	7482.24	
10	4712.50	Providing and applying tack coat on granular base such as WBM and WMM surfaces hot bitumen primed at 10 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	30.35	
11	196.60	Providing and laying **bituminous concrete** 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification NO. 509, **With bitumen 80/100,** etc complete as per specifications and directions of engineer in charge of the work	Cum	11676.96	
12	521.82	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum	100.94	

Signture of the Contractor

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"DTS Approved"